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Substitute for form 1449A/PTO				Complete if Known	
				Application Number	10568403
				Filing Date	Filed herewith
				First Named Inventor	Pearson
				Art Unit	Unknown
				Examiner Name	Unknown
Sheet	1	of	2	Attorney Docket Number	16515.4001

## U.S. PATENT DOCUMENTS

Examiner Initials	Cite No. <sup>1</sup>	U.S. Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number-Kind Code <sup>2</sup> (if known)		
	AA	2460508 A1	02/01/49	Johnson et al.
	AB	2649468 A1	08/18/53	Benedict et al.
	AC	4409405 A1	10/11/83	Lin et al.
	AD	4913842 A1	04/03/90	Yoneoka et al.
	AE	5073356 A1	12/17/91	Guro et al.
	AF	5763716 A1	06/09/98	Benham et al.
	AG	6028119 A1	02/22/00	Kokubu et al.
	AH	6191174 B1	02/20/01	Early et al.
	AI	6218439 B1	04/17/01	Kobayashi et al.
	AJ	6232352 B1	05/15/01	Vidalin
	AK	6274096 B1	08/14/01	Thiebaut et al.
	AL	6300380 B1	10/09/01	Kobayashi et al.
	AM	6444712 B1	09/03/02	Janda
	AN	6486219 B1	11/26/02	Janda et al.
	AO	6495610 B1	12/17/02	Brown
	AP	6512018 B2	01/28/03	Kennedy
	AQ	6531630 B2	03/11/03	Vidalin
	AR	6534551 B2	03/18/03	Allam et al.
	AS	2003/0083390 A1	05/01/03	Shah et al.
	AT	6599491 B2	07/29/03	Vidalin
	AU	6632846 B2	10/14/03	Sheppard et al.
	AV	6673845 B2	01/06/04	Price
	AW	6696501 B2	02/24/04	Schanke et al.
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	AY	6747067 B2	06/08/04	Melnichuk et al.
	AZ	2004/0180971 A1	09/16/04	Inoue et al.
	BA	2005/0113463 A1	05/26/05	O'Rear et al.
	BB	2005/0113465 A1	05/26/05	O'Rear et al.
	BC	2005/0113466 A1	05/26/05	Guillard et al.
	BD	2005/0137269 A1	06/23/05	Hershkowitz et al.
	BE	6946493 B2	09/20/05	Mohedas et al.
	BC	6958363 B2	10/25/05	Espinosa et al.

Examiner Signature	Date Considered
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Sheet	2	of	2	Attorney Docket Number	16515.4001

**FOREIGN PATENT DOCUMENTS**

Examiner Initials	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T <sup>6</sup>
		Country <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)			
	CA	GB 2162172 A	01/29/1986	Davy McKee LTD.	

**OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS**

Examiner Initials'	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	DA	Database CAPLUS on STN, Chemical Abstract (Columbus OH, US) CA: 107:136324, Alberta Gas Chemical Ltd "Manufacture of Alcohol and Catalysts for use" NL 8502813, 1987.	
	DB		

Examiner Signature	/Yevgeny Valenrod/	Date Considered	12/06/2011
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